

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
APPLICATION FEE TRANSMITTAL

Hon. Commissioner of Patents and Trademarks
 Box Patent Applications
 Washington, DC 20591

Sir:

Transmitted herewith for filing is the patent application of

Applicants: Ian Garner, Michael A. Dalrymple, Donna E. Prunkard, Donald C. Foster

Title: PRODUCTION OF FIBRINOGEN IN TRANSGENIC ANIMALS

93 pages of specification 5 sheets of drawings
 An assignment of the invention to _____
 2 sheets of [] signed unsigned Declaration and Power of Attorney
 ASCII Computer Disk Sequence Pursuant to 37 CFR 1.821(f). It is believed that the content of the paper sequence listing and the computer readable sequence listing are the same.

CALCULATION OF APPLICATION FEE

Claim Type	No. Filed	Less	Extra	Extra Rate	Fee
Total	29	-20	9	\$22.00	\$198.00
Independent	8	-3	5	\$74.00	\$370.00
Basic Fee					\$710.00
Multiple Dependency Fee If Applicable (\$200.00)					
Total Filing Fee					\$1278.00

Priority of application serial no. _____ filed on _____ in _____ is claimed under 35 U.S.C. 119. A certified copy thereof is submitted herewith.

The benefit of application serial no. _____ filed on _____ in _____ is claimed under 35 U.S.C. 120.

Please charge ZymoGenetics, Inc., Deposit Account No. 26-0290 as follows:

Filing fee, estimated to be \$1278.00
 Assignment recording fee
 Any additional fees associated with this paper or during the pendency of this application.
 The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

A copy of this sheet is enclosed.

Respectfully submitted,
 Ian Garner, Michael A. Dalrymple, Donna E. Prunkard,
 Donald C. Foster



Gary E. Parker
 Reg. No. 31,648

08 206176

File No.: 93-15



THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL CERTIFICATE

Hon. Commissioner of Patents and Trademarks
Box Patent Application
Washington, DC 20231

Re: U.S. Patent Application for
PRODUCTION OF FIBRINOGEN IN TRANSGENIC ANIMALS

Applicants: 100 Ian Garner, et al, Michael A. Dalrymple, Donna E. Prunkard, Donald C. Foster

Sir:

Express Mail Label No. HB427698898 US

Date of Deposit March 3, 1994

I hereby certify that the following attached paper(s) or fee

1. Return Post card
2. Application Fee Transmittal (in duplicate)
3. Patent Application
4. ASCII Computer Disk Sequence pursuant to 37 CFR 1.821(e).
5. Unexecuted Combined Declaration and Power of Attorney

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. 1.10 on the date indicated above, addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

Marci Fukuhara
Marci Fukuhara

Mailing Address:

ZymoGenetics, Inc
4225 Roosevelt Way N.E.
Seattle, WA 98105
(206) 547-8080